



...THREE  
MILLION,  
140,000  
YEN.

THE TOTAL  
EXPENSE  
FOR THE  
ENTIRE  
BARYON  
BEAM  
CANCER  
TREATMENT  
IS...



OUTRA-  
GEOUS!



HUH?



THAT'S  
CHEAP.



BUT IT'S  
EXPENSIVE  
FROM AN  
AVERAGE  
PERSON'S  
STAND-  
POINT.

OF COURSE,  
HORIE-SAN IS  
RICH, SO THREE  
MILLION, 140,000  
YEN MIGHT BE  
CHEAP TO HIM.



BUT MAYBE  
HE'S GOT  
A REASON  
FOR  
THINKING  
THAT'S  
CHEAP.









15  
BILLION  
YEN!



HOWEVER,  
THE  
BUILDING  
COST  
OF ONE  
UNIT IS 15  
BILLION  
YEN.



NOW IS THAT  
EXPENSIVE, OR  
IS THAT CHEAP?  
BY THE WAY,  
THEY SAY THE  
EXPENSES FOR  
THE UPCOMING  
OLYMPICS  
WILL BE THREE  
TRILLION YEN.

SO WITH HALF  
THAT AMOUNT,  
WHICH IS ONE  
TRILLION, 500  
BILLION YEN, WE  
COULD PRODUCE  
100 UNITS.

**100 UNITS!**



THERE ARE FIVE UNITS.

HOW MANY BARYON BEAM TREATMENT CENTERS ARE THERE IN JAPAN RIGHT NOW?

THERE IS ONE IN HYOGO AND ONE IN SAGA. THERE IS ONE CURRENTLY UNDER CONSTRUCTION IN OSAKA. CONSTRUCTION PLANS FOR A CUTTING-EDGE FACILITY WERE SOLIDIFIED IN YAMAGATA, A FEW YEARS AGO.

IN KANTO, THERE IS ONE AT INAGE OF CHIBA. THERE IS ONE AT FUTATABI-GUEN OF KANAGAWA. THERE IS ONE AT MAEBASHI OF GUNMA, BUT THERE ISN'T ONE IN TOKYO.

## BARYON BEAM CANCER TREATMENT FACILITIES

SAGA

HYOGO

OSAKA

KANAGAWA

GUNMA

CHIBA

YAMAGATA

- CURRENTLY OPERATING
- UNDER CONSTRUCTION
- CONSTRUCTION PLANNED

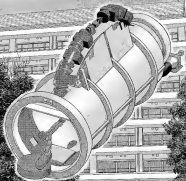


120m

An aerial photograph of a large hospital complex. A vertical double-headed arrow on the left side of the image indicates a length of 120m. A horizontal double-headed arrow at the bottom indicates a width of 80m. The complex consists of numerous interconnected buildings, courtyards, and parking areas, surrounded by trees and some greenery.

HOW COME  
THESE FACILITIES  
AREN'T BUILT IN  
METROPOLISES?  
THE REASON IS  
SIMPLE: BECAUSE  
BIG CITIES  
DON'T HAVE THE  
SPACIOUS  
ACRESSES  
REQUIRED FOR  
CONSTRUCTION.

BUT THAT  
PROBLEM WILL  
PROBABLY BE  
RESOLVED  
EVENTUALLY, DUE  
TO TECHNOLOGICAL  
INNOVATIONS.  
IDEALLY, IN THE  
FUTURE, THE UNITS  
WILL BE INSTALLED  
IN EVERY HOSPITAL  
LIKE THE CT  
SCANNER.







BY THE WAY,  
HOW MANY  
UNITS ARE  
THERE IN  
THE WORLD,  
ESPECIALLY IN  
THE U.S. AND  
EUROPE?



CANCER  
WON'T BE  
SCARY  
ANYMORE.

IF THAT  
HAPPENS,  
IT'LL  
REALLY  
BE LIKE  
GOING  
TO THE  
DENTIST.



THERE ARE  
ONLY TEN  
BARYON BEAM  
FACILITIES IN  
THE WORLD,  
AND FIVE OF  
THEM ARE IN  
JAPAN.

HARDLY  
ANY.



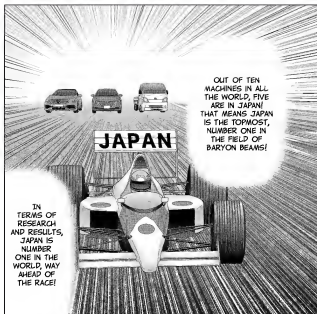
JAPAN HAS  
HALF THE  
TOTAL?

FIVE UNITS  
OUT OF  
TEN ARE IN  
JAPAN?



JAPAN  
HAS 50%  
OF ALL THE  
UNITS IN THE  
WORLD... THIS  
IS A VERY  
IMPORTANT  
POINT.

CORRECT.



ALTHOUGH THE BARYON BEAM TECHNOLOGY ORIGINATED IN THE U.S., THEY STOPPED RESEARCH BECAUSE SCANNING TECHNOLOGY TO DETERMINE THE RANGE OF RADIATION TREATMENT WAS STILL IN ITS INFANCY.

THE MAIN REASON IS THAT THE U.S. WITHDREW IN THE 1990S TO RESEARCH PROTON BEAM CANCER TREATMENT INSTEAD.

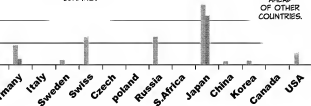
THEY WERE EVENTUALLY ABLE TO ADVANCE IMAGING DIAGNOSIS, WHICH DRAMATICALLY IMPROVED THE EFFICACIOUSNESS OF TREATMENTS.



IN THE MEANTIME, JAPAN CONTINUED RESEARCHING UNDER THE DIRECTIVE OF NAKASONE'S CABINET.

JAPAN IS OVERWHELMINGLY LEADING.

WITH RESPECT TO TREATMENT SUCCESS, JAPAN IS AHEAD OF OTHER COUNTRIES.





WHICH MEANS  
THE TIME TO DO  
IT IS NOW! WE  
MUST MAKE THE  
GOVERNMENT  
INVEST CAPITAL  
AND HUMAN  
RESOURCES  
WHILE WE'RE IN  
THE LEAD!

IF WE  
AGGRESSIVELY TAKE  
ACTION NOW, NOT  
ONLY WILL WE SAVE  
LIVES, BUT THIS  
FUTURE INDUSTRY  
WILL CONTRIBUTE TO  
JAPAN'S ECONOMY;  
WE'D KILL TWO  
BIRDS WITH ONE  
STONE! IT'S THE  
TECHNOLOGY OF  
OUR DREAMS!



BUT IF WE MISS THIS CHANCE, OUR TECHNOLOGY WILL GET SURPASSED BY OTHER COUNTRIES.













IT'S NOT  
THE TIME TO  
PUT UP A  
STRONG  
FRONT.

BECAUSE IF  
YOU DON'T  
HAVE THREE  
MILLION, YOU  
MIGHT DIE.



COME  
TO THINK  
OF IT,  
YOU'RE  
RIGHT...

I SEE.  
I GET  
IT...



SOME-  
THING  
ISN'T  
RIGHT!

...BUT  
THEN  
AGAIN,  
I TAKE  
THAT  
BACK.



THEY  
SHOULD  
MAKE A  
SYSTEM THAT  
MAKES IT  
CHEAP TO  
RECEIVE  
BARYON BEAM  
CANCER  
TREATMENT.

THE  
GOVERNMENT  
IS WRONG  
FOR IMPOSING  
SUFFERING ON  
ITS PEOPLE.



THEN  
PEOPLE  
COULD GET  
CANCER  
TREATMENT  
FOR  
CHEAP.

RIGHT...  
WITH THE  
SAME  
COPAY  
AS THE  
CURRENT  
HEALTH IN-  
SURANCE.



PRACTICALLY  
SPEAKING,  
YOU MEAN  
INCLUDE IT  
IN HEALTH  
INSURANCE  
COVERAGE?



HUH...?



CANCER  
TREATMENT IN  
JAPAN ISN'T  
CHEAP.



THAT'S COVERED BY TAXES, SO IN THE END, IT'S THE PEOPLE WHO HAVE TO PAY.

BUT THERE'S A DEDUCTIBLE SYSTEM IN PLACE FOR HIGH-EXPENSE MEDICAL BILLS WHERE YOU GET THE MONEY BACK YOU'D PAID.



I UNDERSTAND THAT, BUT OUR SYSTEM IS DESIGNED TO HELP PEOPLE WHO ARE SICK. I DON'T THINK IT'S A BAD THING AT ALL.



FOR EXAMPLE, MONEY SPENT ON ANTI-CANCER DRUGS IN JAPAN TOTALS TEN TRILLION YEN PER YEAR, ALL OF WHICH THE CITIZENS PAY OUT OF POCKET.

BUT WHAT IF THAT SYSTEM WERE SKEWED IN FAVOR OF A PARTICULAR FIELD?



ON MEDICATION ALONE?

TEN TRILLION YEN!

